**Content Lesson Template**

**21st Century Learning**

South Philadelphia HS Biology Lesson

**Objective:**

Today we will demonstrate understanding of the six kingdoms of life.

You will know you have learned this when you can…

1. identify major characteristics of each kingdom of life.

2. use major physical characteristics to successfully classify an organism into one of the six kingdoms.

**Content Standard(s) Addressed:**

**3.3 A Explain the structural and functional similarities and differences found among living things.**

**21st Century Skills Addressed:**

Information & Media Literacy

Communication, Interpersonal & Collaborative Skills

Creativity & Intellectual Curiosity

Self-Direction, Accountability & Adaptability

Social Responsibility

**Project Goals:**

Your task is to create a Comic Life illustration detailing specific information on one of the six kingdoms of life. You will be working with a partner, and your kingdom will be randomly assigned to you.

Student Directions

1. Research your kingdom using the 3 links on the class wiki (see list below). Be sure to include the following information:

- type of cells in organisms (prokaryote/eukaryote)

- # of cells (unicellular/multicellular)

- method of obtaining food (autotroph/heterotroph)

- ONE additional fact about the kingdom

2. Create a comic that includes all your research. Your comic will be used to teach your classmates about your kingdom. Your comic must include the following:

- all required information

- at least 5 panels, including a title panel

- images of yourselves AND online (see below for free image website)

Web Resources/Links needed to complete the project:

<http://www.ric.edu/faculty/ptiskus/Six_Kingdoms/Index.htm>

<http://anthro.palomar.edu/animal/table_kingdoms.htm>

<http://tolweb.org/tree/>

<http://freemediagoo.com/>

**Assessment:**

**Kingdom of Life Assignment--Grading Rubric**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **4** | **3** | **2** | **1** | **Total** |
| **Content**  **30% of Total** | Comic demonstrates mastery of kingdom. All ten required components present in the comic. | Comic demonstrates understanding of assigned kingdom. At least seven required components are present in the comic. | Comic demonstrates some understanding of assigned kingdom. At least five of the required components are present in the comic. | Comic demonstrates minimal understanding of assigned kingdom. Few of the assigned components are present in the comic. |  |
| **Creativity**  **30% of Total** | Comic demonstrates a high level of creativity and imagination in the usage of application features, text, graphics and/or Photo Booth. | Comic demonstrates creativity and imagination in the usage of application features, text, graphics and/or Photo Booth. | Comic demonstrates some creativity and imagination in the usage of application features, text, graphics and/or Photo Booth. | Comic demonstrates minimal creativity and imagination in the usage of application features, text, graphics and/or Photo Booth. |  |
| **Readability**  **20% of Total** | Comic is consistently readable and understandable. Layout is clear and lettering in word balloons is neat and legible. | Comic is usually readable and understandable. Layout is adequate and lettering in word balloons is adequate. | Comic is sometimes illegible. Layout is inconsistent and lettering in word balloons is unclear at times. | Comic is illegible. Layout is unclear and word balloons are difficult to read. |  |
| **Writing & Layout**  **10% of Total** | No misspelled words or grammatical errors. | Only one or two misspelled words or grammatical errors. | A few misspelled words or grammatical errors. | Many misspelled words and/or grammatical errors. |  |
| **Copyright**  **10% of Total** | All text and graphics sources are properly documented in a Works Cited page. | Some documentation of text and graphics sources is present in a Works Cited page. | There is little documentation of text of graphics cited for sources of information or the citation is unclear. | There is no documentation of text or graphics cited for sources of information. |  |

**Total Points:**